

ABSTRACT

A UPnP rendezvous bridge appropriately bridges a UPnP network with a rendezvous network. The UPnP rendezvous bridge appropriately allows device and service discovery and converts communications directed between devices within the UPnP network and devices within
5 the rendezvous network into an appropriate format for the receiving device, utilizing a UPnP proxy, a rendezvous proxy, a UPnP table and a rendezvous table. The UPnP rendezvous bridge includes a programmable microprocessor which manipulates communications into the proper format for the receiving device. The UPnP rendezvous bridge is implemented within a stand-alone device coupled between the UPnP and the rendezvous networks. Alternatively, the UPnP
10 rendezvous bridge is implemented within an appropriately configured device in one of the networks. A protocol conversion program is stored within a read only memory (ROM) and used by the microprocessor to perform the appropriate conversions. Alternatively, the programmable microprocessor is programmed for the appropriate conversions by a device coupled to the UPnP rendezvous bridge.